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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Docket No.: 2771-617

Applicants: KING, Mackenzie, et al.

Conf. No.: 8498

Application No.: 10/672,433

Art Unit: 1753

Date Filed: September 26, 2003

Examiner: Kaj K. Olsen

**Title: ELECTRODE ASSEMBLY
FOR ANALYSIS OF METAL
ELECTROPLATING
SOLUTION, COMPRISING
SELF-CLEANING
MECHANISM, PLATING
OPTIMIZATION
MECHANISM, AND/OR
VOLTAGE LIMITING
MECHANISM**

Customer No.:

25559

FACSIMILE TRANSMISSION CERTIFICATE

ATTN: Examiner Kaj K. Olsen

Fax No. (571) 273-8300

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Number of Pages

Steven J. Hultquist

June 24, 2007

Date

RESPONSE TO MARCH 23, 2007 OFFICE ACTION IN U.S. PATENT APPLICATION
NO. 10/672,433

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

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Sir:

This responds to the March 23, 2007 Office Action in the above-identified application.

Please amend the claims of the above-identified patent application as set out in **Section I (Amendments to the Claims)** hereof.

Remarks concerning the amendments to the claims and the substance of the March 23, 2007 Office Action are set out in **Section II (Remarks)** hereof.